

Amendments to the Claims:

1-8. (Canceled)

9. (New) An image controller allowing control of an image generation device capable of creating three-dimensional imagery, the image controller comprising:

- a single input member capable of being manipulated in six degrees of freedom by a human hand;

- a circuit board having an upper surface and a lower surface;

- a first proportional sensor located on the upper surface of the circuit board, the first proportional sensor indicates manipulation of the single input member;

- a secondary input member capable of being controlled by the human hand bidirectionally on at least one axis;

- two additional sensors located on the upper surface of the circuit board, the two additional sensors indicate movement of the secondary input member;

- one additional sensor located on the lower surface of the circuit board;

- a second proportional sensor indicating rotation of the single input member;

- two button sensors located on the upper surface of the circuit board control at least a volume function;

- one button sensor located on the upper surface of the circuit board controls an ON/OFF function;

- a transmitter allowing wireless communication of information from the controller to the image generation device, the information is useful to control the image generation device; and

- a battery compartment adapted to hold a battery for powering the image controller.

10. (New) The image controller of claim 9, wherein said first proportional sensor is of a capacitive type.

11. (New) The image controller of claim 9, further comprising:
two button sensors located on the upper surface of the circuit board control channel switching.

12. (New) An image controller allowing control of an image generation device capable of creating three-dimensional imagery, the image controller comprising:

a single input member capable of being manipulated in six degrees of freedom by a human hand;

a circuit board;

a first proportional sensor located on the circuit board, the first proportional sensor indicates manipulation of the single input member;

a secondary input member capable of being controlled by the human hand bidirectionally on at least one axis;

two additional sensors located on the circuit board, the two additional sensors indicate movement of the secondary input member;

a second proportional sensor indicating rotation of the single input member;

two button sensors located on the circuit board control at least a volume function;

one button sensor located on the circuit board controls an ON/OFF function;

a transmitter allowing wireless communication of information from the controller to the image generation device, the information is useful to control the image generation device; and

a battery compartment adapted to hold a battery for powering the image controller.

13. (New) The image controller of claim 12, wherein said first proportional sensor is of a capacitive type.

14. (New) The image controller of claim 12, further comprising:
two button sensors located on the circuit board control channel switching.